

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-16 (Canceled).

17. (New): A complex of an amphiphilic copolymer with topotecan hydrochloride, wherein the amphiphilic copolymer has benzoyl sulfonic acid groups on the hydrophobic segment of said copolymer.

18. (New): A complex according claim 17, wherein said complex forms micelles in aqueous media.

19. (New): A complex according to claim 17, wherein the amphiphilic copolymer is comprised of a hydrophilic polymer selected from the group consisting of: a polyalkylether, dextran, dextran, carboxymethyldextran, dextran sulfate, aminodextran, cellulose, carboxymethyl cellulose, chitin, chitosan, succinyl chitosan, carboxymethylchitin, carboxymethylchitosan, hyaluronic acid, a starch, an alginate, chondroitin sulfate, albumin, pullulan, carboxymethyl pullulan, polyglutamic acid, polylysine, polyaspartic acid, HPMA, styrene maleic anhydride copolymer, divinylethyl ether maleic anhydride copolymer, polyvinyl pyrrolidone, and polyvinylalcohol.

20. (New): A complex according to claim 17, wherein the amphiphilic polymer is a block copolymer made of hydrophilic and hydrophobic polymers.

21. (New): A complex according to claim 20, wherein the hydrophilic polymer is polyoxyethylene glycol, polyoxypropylene glycol, polyoxyethylene/propylene glycol, dextran, carboxymethyldextran, dextran sulfates, aminodextran, cellulose, carboxymethyl cellulose, chitin, chitosan, succinyl chitosan, carboxymethylchitin, carboxymethylchitosan, hyaluronic acid, a starch, an alginate, chondroitin sulfate, albumin, pullulan, carboxymethyl

pullulan, polyglutamic acid, polylysine, polyaspartic acid, HPMA, styrene maleic anhydride copolymer, divinylethyl ether maleic anhydride copolymer, polyvinyl pyrrolidone, and polyvinylalcohol.

22. (New): A complex according to claim 20, wherein the hydrophilic polymer is polyethylene glycol.

23. (New): A complex according to claim 22, wherein the polyethylene glycol has a molecular weight of about 1000-10000.

24. (New): A complex according to claim 17, comprising a hydrophobic polymer, wherein the hydrophobic polymer is selected from a poly(alpha-hydroxy acid), polydioxanone, a polycarbonate, a polyanhydride, a polyorthoester, and a hydrophobic derivative of a poly(alpha-amino acid).

25. (New): A complex according to claim 24, wherein the hydrophobic polymer is polylactic acid.

26. (New): A method of treating a cancer comprising administering an effective amount of the complex according to claim 17 to a patient in need thereof.